



## Technical Documentation

### Dulbecco's Modified Eagle's Medium - High Glucose - Liquid Media

	SH30022 SH30308 ADCF	SH30081 SH30315 ADCF	SH30284 SH30317 ADCF	SH30243 SH30317 ADCF	SH30249 SH30317 ADCF	SH30207 SH30317 ADCF	SH30285 SH30320 ADCF	SH30019 SH30319 ADCF	SH30262 SH30319 ADCF
Electrolytes	CaCl <sub>2</sub> (anhydrous) 200.00	CaCl <sub>2</sub> (anhydrous) 0.00							
	Fe(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O 0.10	Fe(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O 0.10	Fe(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O 0.10	Fe(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O 0.10	Fe(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O 0.10	Fe(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O 0.10	Fe(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O 0.10	Fe(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O 0.10	Fe(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O 0.10
	KCl 400.00								
	MgSO <sub>4</sub> (anhydrous) 97.67	MgSO <sub>4</sub> (anhydrous) 0.00							
	NaCl 6400.00	NaCl 6400.00	NaCl 6400.00	NaCl 6400.00	NaCl 4750.00	NaCl 6400.00	NaCl 6400.00	NaCl 6400.00	NaCl 6400.00
	NaH <sub>2</sub> PO <sub>4</sub> ·H <sub>2</sub> O 125.00	NaH <sub>2</sub> PO <sub>4</sub> ·H <sub>2</sub> O 125.00	NaH <sub>2</sub> PO <sub>4</sub> ·H <sub>2</sub> O 125.00	NaH <sub>2</sub> PO <sub>4</sub> ·H <sub>2</sub> O 125.00	NaH <sub>2</sub> PO <sub>4</sub> ·H <sub>2</sub> O 125.00	NaH <sub>2</sub> PO <sub>4</sub> ·H <sub>2</sub> O 125.00	NaH <sub>2</sub> PO <sub>4</sub> ·H <sub>2</sub> O 125.00	NaH <sub>2</sub> PO <sub>4</sub> ·H <sub>2</sub> O 125.00	NaH <sub>2</sub> PO <sub>4</sub> ·H <sub>2</sub> O 125.00
Amino Acids	L-Arginine HCl 84.00								
	L-Cystine 2HCl 62.57								
	L-Glutamine 584.00	L-Glutamine 0.00	L-Glutamine 584.00	L-Glutamine 584.00	L-Glutamine 584.00	L-Glutamine 584.00	L-Glutamine 0.00	L-Glutamine 584.00	L-Glutamine 0.00
	Glycine 30.00								
	L-Histidine HCl·H <sub>2</sub> O 42.00								
	L-Isoleucine 104.80								
	L-Leucine 104.80								
	L-Lysine HCl 146.20								
	L-Methionine 30.00								
	L-Phenylalanine 66.00								
	L-Serine 42.00								
	L-Threonine 95.20								
	L-Tryptophan 16.00								
	L-Tyrosine 103.79								
Vitamins	2Na·2H <sub>2</sub> O L-Valine 93.60								
	D-Ca Pantothenate 4.00								
	D-Na Pantothenic Acid 0.00	D-Na Pantothenic Acid 4.00							
	Choline Chloride 4.00								
	Folic Acid 4.00								
	Myo-Inositol 7.00								
	Niacinamide 4.00	Niacinamide 4.00	Niacinamide 0.00						
	Pyridoxal HCl 4.00								
	Pyridoxine HCl 0.00	Pyridoxine HCl 0.00	Pyridoxine HCl 4.00						
	Riboflavin 0.40	Riboflavin 4.00							
	Thiamine HCl 4.00								
Supplements	D-Glucose 4500.00								
	HEPES 0.00	HEPES 0.00	HEPES 0.00	HEPES 0.00	HEPES 5958.00	HEPES 0.00	HEPES 0.00	HEPES 0.00	HEPES 0.00
	Phenol Red (Sodium) 15.90	Phenol Red (Sodium) 15.90	Phenol Red (Sodium) 0.00	Phenol Red (Sodium) 15.90					
	Sodium Pyruvate 0.00	Sodium Pyruvate 0.00	Sodium Pyruvate 0.00	Sodium Pyruvate 110.00	Sodium Pyruvate 0.00	Sodium Pyruvate 0.00	Sodium Pyruvate 110.00	Sodium Pyruvate 0.00	Sodium Pyruvate 0.00
	NaHCO <sub>3</sub> 3700.00								

### Exhibit A

ADCF: Animal Derived Component  
Free

Exhibit A